



Abb. 1

1 cccgggttca agagattctc ctgtctcagc ctcccgagta gctgggacta caggtacgtg
61 ccaccacacc tggctaattt ttgtattttt agtagagaca agagttacac catattggcc
121 aggatctttt gctttctata gcttcaaaat gttctta^atg ttaagacatt ctaatactc
181 tgaaccatat gaatttgcca ttttggttaag tcacagacgc cagatgggtgg caatttcaca
241 tggc^gacaacc cgaaagatta acaaactatc cagcagatga aaggattttt ttagttttca
301 ttgggttttac tgaagaaatt gtttgaattc tcattgcatc tccagttcaa cagataatga
361 gtgagtgatg ccacactctc aagagttaaa aacaaaacaa caaaaaaatt aaaacaaaag
421 cacacaactt tctctctctg tcccaaaata cataacttga taccctcgct ccagataaaa
481 tccaaagggg aaaactgtct tcatgcctgc aaattcctaa ggagggcacc taaagtactt
541 gacagcgagt gtgctgagga aatc^aggcagc tgttgaagtc acctcctgtg ctcttgccaa
601 atgtttgaaa gggaatacac tgggttaccg ggtgtatgtt gggaggggag cattatcagt
661 gctcgggtga ggcaagtctg gagtaccag atggagacat ccgtgtctgt gtcgctctgg
721 atgcctccaa gccagcgtgt gtttactttc tgtgtgtgtc accatgtctt tgtgcttctg
781 ggtgcttctg tgtttgtttc tggccgcgtt tctgtgttgg acaggggtga ctttgtgccg
841 gatggcttct gtgtgagagc gcgcgcgagt gtgcatgtcg gtgagctggg aggggtgtgtc
901 tcagtgtcta tggctgtggt tcggtataag tct^agagcatg tctgccaggg tgtatttgtg
961 cctgtatgtg cgtgcctcgg tgggcactct cgtttccttc cgaatgtggg gcagtgccgg
1021 tgtgctgccc tctgccttga gacctcaagc gcgcgaggcg cccagggcag gcaggtagcg
1081 gccacagaag agccaaaagc tcccgggttg gctggtaagg^g acaccacctc cagcttttagc
1141 cctctggggc cagccagggg agccgggaag cagtgggtggc ccgcccctcca gggagcagtt
1201 gggccccgcc cgggccagcc^t ccaggagaag gagggcgagg ggaggggagg gaaaggggag
1261 gagtgcctcg ccccttcgag gctgcggcg tgccattggc cgaaagtcc cgtacgtcac
1321 ggcgagggca gttcccctaa agtcctgtgc acataacggg cagaacgcac tgcgaagcgg
1381 cttcttcaga gcacgggctg gaactggcag gcaccgcgag cccttagcac ccgacaagct
1441 gagtgtgcag gacgagtccc caccacaccc acaccacagc cgctgaatga ggcttcagg
1501 cgtccgctcg cggcccgcag agccccgcgg tgggtccgc^t cgctgaggcg cccccagcca
1561 gtgcgct^c tac ctgccagact gcgcgccatg gggcaaccgg ggaacggcag cgccttcttg
1621 ctggcaccca^g at^agaagcca tgcgccggac cacgacgtca cgcag^g caaag ggacgaggtg
1681 tgggtgggtgg gcatgggcat cgtcatgtct ctcatcgctc tggccatcgt gtttggaat

1741 gtgctggtea tcacagccat tgccaagttc gagcgtctgc agacgggtcac caactacttc
1801 atcacttcac tggcctgtgc tgatctggtc atgggcct^agg cagtgggtgcc ctttggggcc
1861 gcccatattc ttatgaaaat gtggactttt ggcaacttct ggtgcgagtt ttggacttcc
1921 attgatgtgc tgtgcgtcac ggccagcatt gagaccctgt gcgtgatcgc agtggatcgc
1981 tacttttgcca ttacttcacc tttcaagtac cagagcctgc tgaccaagaa taaggcccg
2041 gtgatcattc tgatgggtgtg gattgtgtca ggcctta^tct ctttcttgcc cattcagatg
2101 cactgggtac^a gggccaccca ccaggaagcc atcaactgct atgccaatga gacctgctgt
2161 gacttcttca cgaaccaagc ctatgccatt gcctcttcca tegtgtcctt ctacgttccc
2221 ctggtgatca tggctctcgt ctactccagg gtctttcagg aggccaaaag gcagctccag
2281 aagattgaca aatctgaggg ccgcttccat gtccagaacc ttagccaggt ggagcaggat
2341 gggcggacgg ggcattggact ccgcagatct tccaagttct gcttgaagga gcacaaagcc
2401 ctcaagacgt taggcatcat catgggcact ttcacctct gctggctgcc cttcttcac
2461 gttaacattg tgcattgtat ccaggataac ctcatccgta aggaagttaa catcctccta
2521 aattggatag gctatgtcaa ttctggtttc aatcccccta tctactgccg gagcccagat
2581 ttcaggattg ccttccagga gcttctgtgc ctgcgcaggt cttctttgaa ggcctatgg^c
2641 aatggctact ccagcaacgg caacacaggg gagcagagtg gatattcacgt ggaacaggag
2701 aaagaaaata aactgctgtg tgaagacctc ccaggcacgg aagactttgt gggccatcaa
2761 ggtactgtgc ctagcgataa cattgattca caagggagga attgtagtac aaatgactca
2821 ctgct^agtaaa gcagtttttc tacttttaaa gaccccccc cccccaacag aactactaac
2881 agactattta acttgagggg aataaactta gaataaaatt gtaaaaattg tatagagata
2941 tgcagaagga agggcatcct tctgcctttt ttattttttt aagctgtaaa aagagagaaa
3001 acttatttga gtgattattt gttatttga cagttcagtt cctctttgca tgggaatttgt
3061 aagtttatgt cttaaagagct ttagtcctag aggacctgag tctgctatat tttcatgact
3121 tttccatgta tctacctcac tattcaagta ttaggggtaa tatattgctg ctggtaattt
3181 gtatctgaag gagattttcc ttctacacc cttggacttg aggattttga gtatctcgga
3241 cttttcagct gtgaacatgg actcttcccc cactcctctt atttgctcac acgggggtatt
3301 ttaggcaggg atttgaggag cagcttcagt tgttttcccg agcaaaggtc taaagtttac
3361 agtaaataaa atgtttgacc atgccttcat tgcacctgtt tgtccaaaac cccttgactg
3421 gagtgtgtt gcctccccca ctggaaaccg c

Abb. 2a

ERSATZBLATT (REGEL 26)

ERSATZBLATT (REGEL 26)

[illegible]

a (Leu 84 → Leu)
1801 atcacttcac tggcctgtgc tgatctgggc atgggcct^ag cagtgggtgcc ctttggggcc
1861 gcccatattc ttatgaaaat gtggactttt ggcaacttct ggtgcgagtt ttggacttcc
1921 attgatgtgc tgtgcgtcac ggccagcatt gagaccctgt gcgtgatcgc agtggatcgc
1981 tactttgcca ttacttcacc tttcaagtac cagagcctgc tgaccaagaa taaggcccgg
2041 gtgatcattc tgatgggtgtg gattgtgtca ggcctta^tcct ccttcttgcc cattcagatg
a (Arg 175 → Arg)
2101 cactgggtac^ag gggccacca ccaggaagcc atcaactgct atgccaatga gacctgctgt
2161 gacttcttca cgaaccaagc ctatgccatt gcctcttcca tctgtgtcctt ctacgtttccc
2221 ctgggtgatca tgggtcttcgt ctactccagg gtcttttcagg aggccaaaag gcagctccag
2281 aagattgaca aatctgaggg ccgcttccat gtccagaacc ttagccaggt ggagcaggat
2341 gggcggacgg ggcattggact ccgcagatct tccaagtctt gcttgaagga gcacaaagcc
2401 ctcaagacgt taggcatcat catgggcact ttcaccctct gctggctgcc cttcttcac
2461 gttaacattg tgcattgtgat ccaggataac ctcatccgta aggaagttaa cctctccta
2521 aattggatag gctatgtcaa tcttggtttc aatcccccta tctactgccg gagcccagat
2581 ttcaggattg ccttccagga gcttctgtgc ctgctcaggt cttctttgaa ggcctatgg^c
(Gly351→Gly)
2641 aatggctact ccagcaacgg caacacaggg gagcagagtg gatatcacgt ggaacaggag
2701 aaagaaaata aactgctgtg tgaagacctc ccaggcacgg aagactttgt gggccatcaa
2761 ggtactgtgc ctacgcataa cattgattca caagggagga attgtagtac aaatgactca
a (Leu 413 → Leu)
2821 ctgct^agtaaa gcagtttttc tacttttaaa gacccccccc cccccaacag aacactaaac
2881 agactattta acttgagggg aataaaactta gaataaaaatt gtaaaaattg tatagagata
2941 tgcagaagga agggcatcct tctgcctttt ttattttttt aagctgtaaa aagagagaaa
3001 acttatttga gtgattattt gttatttgta cagtttcagtt cctctttgca tgggaattgt
3061 aagtttatgt cttaaagagct ttagtcctag aggacctgag tctgctatat ttcatgact
3121 tttccatgta tctacctcac tattcaagta ttaggggtaa tatattgctg ctggttaattt
3181 gtatctgaag gagattttcc ttccacacc cttggacttg aggattttga gtatctcgga
3241 cctttcagct gtgaacatgg actcttcccc cactcctctt atttgctcac acgggggtatt
3301 ttaggcaggg atttgaggag cagcttcagt tgttttcccg agcaaaggct taaagtttac
3361 agtaaataaa atgtttgacc atgccttcac tgcacctgtt tgtccaaaac cccttgactg
3421 gagtgtgtt gcctcccca ctggaaaccg c

Abb. 2b